

# Macurco™

BUILDING & HOME SOLUTIONS

Whether you are looking for gas detection for a security system, building automation or HVAC system, for personal safety or for monitoring specific gases in potentially hazardous environments, Macurco has a gas detector to meet your needs.



## Security Series

### Residential / light commercial carbon monoxide & combustible gas detectors

The Macurco Security Series are reliable, lightweight, and aesthetically pleasing gas detectors made to keep you and the people you care about safe from harmful gases in residential and light commercial applications. The Macurco CM-E1, GD-2B, GD-2A, and HD-11 are low voltage gas detectors designed for use with fire and security systems. The CM-E1 and GD-2A are UL 2075 Listed for use in residential and commercial applications and are also approved by the California State Fire Marshal.



CM-E1 (Carbon Monoxide)



GD-2B (Combustible Gas)



GD-2A (Combustible Gas)



HD-11 (Hydrogen Gas)

### Key Features

- Low replacement costs with long life sensors
- Low maintenance with no calibration needed
- Local alarms (CM-E1 & GD-2B only)
- Clip in wire harness (CM-E1 & GD-2B) for in and out replacement
- Aesthetically pleasing. Flush mount or surface options for (CM-E1 & GD-2B)
- Ties into any Fire/Burglary panel for local and remote monitoring
- Made in America

### Applications

- Homes
- Schools/university dorms
- Hotels/condos
- Offices
- Retail stores
- Common rooms/lobbies
- Apartments
- Airports
- Other light commercial environments

# Security Series

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## Specifications

Size	CM-E1 & GD-2B 3.25"(H) x 5.25"(L) x 1.75"(W) GD-2A & HD-11 4.5"(H) x 5"(L) x 1.62"(W)
Shipping Weight	~ 1 lb. (~16 oz.)
Voltage	CM-E1 9-32 VDC GD-2B 9-32 VDC or 12-24 VAC GD-2A & HD-11 9-32 VDC or 12-24 VAC
Sensor Life	CM-E1 & GD-2B 10 years w/EOL GD-2A & HD-11 7 to 10 years
Operating Temperature	CM-E1 & GD-2B 40°F to 100°F (4.4°C to 37.8°C) GD-2A & HD-11 32°F to 120°F (0°C to 48.9°C)
Current Draw	CM-E1 (Normal/alarm) 15mA/35mA @ 9-32V GD-2B, GD-2A & HD-11 - See user instructions
Relays	CM-E1 & GD-2B Alarm Relay: SPST, 100mA, 40VDC Trouble Relay: SPST, 100mA, 40VDC GD-2A & HD-11 Alarm Relay: .125 A, 40 V, 3 VA Trouble Relay: .250 A, 40 V, 10 VA
Status Indicators	CM-E1 & GD-2B LED (Red alarm, amber trouble, green normal) Local buzzer: CM-E1: Temporal 4 GD-2B: 2 Chirp Sequence GD-2A & HD-11 LED (Red alarm, green normal)
Alarms	CM-E1 UL Standard 2034 GD-2B & GD-2A Per UL 1484, 25% LEL HD-11 Alarm Set Point: 10% LEL hydrogen gas
Approvals / Certifications	CM-E1 UL 2075 Listed. Tested to 2034 sensitivity limits for carbon monoxide GD-2A UL 2075 Listed. Tested to 1484 standard for residential gas detectors GD-2B Sensitivity tested based on UL 1484
Warranty	Two Year Limited Warranty

\*Please read manual for more specifications

## Ordering Information

Gas	Model Number
Carbon Monoxide (CO)	CM-E1
Natural Gas (NG) or Propane (LP)	GD-2B
Natural Gas (NG) or Propane (LP)	GD-2A
Hydrogen (H <sub>2</sub> )	HD-11

## Mounting



CM-E1 and GD-2B can be mounted on a single gang box



GD-2A and HD-11 can be mounted on a double gang box

## Accessories

Name	Model Number
Duct Mount Kit	DMK-1
Weatherproof Housing Kit	WHK-1
Field Test Gas (CM-E1)	CME1-FTG



Duct Mount Kit



Weatherproof Housing Kit



Field Test Gas (CM-E1)

**MacURCO**  
GAS DETECTION

Since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.



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